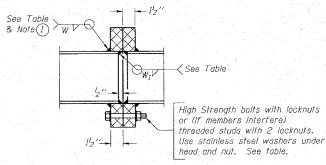
TRUSS UNIT TABLE

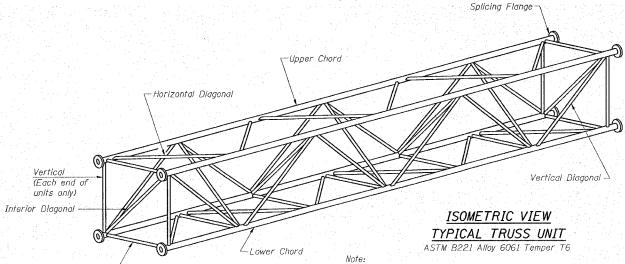
Structure Number Station		Design Truss Type	Exterior Units (2)			Interior Unit No. No. Panels Unit Panel			Upper & Lower Chord		Verticals: Horizontals: Vertical, Horizontal, and Interior Diagonals		Camber at	Splicing Flange Bolts Weld Sizes			1 			
Number Station	No. Panels per Unit		Unit Lgth.(L _e)	Panel Lgth.(P)	No. Reg'd.	No. Panels per Unit	Lgth.(L _i)	Panel Lgth.(P)	0.D. (In.)	Wall (In.)	0.D. (In.)	Wall (In.)	Midspan (In.)	No./Splice	Dia. (In.)	W (In.)	W _I (In.)	(In.)	(In.)	
1S016U020L000.0	217+75	II-A	7	37'-51/2"	5'-1"	1-	6	34-9"	5-1"	61/2	5/16	3.0	5/16	3.4	6	1.0	3/8	1/4 -	11.0	141/2
			2 VIII +1		100					4000	7.77	1000				1.1	4- 2-	1.3.7.		
			1.50									100			100	100				
									100							Maria da				
	V . 1 . 1 . 1 . 2	1.00								120	1.1.1				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1. 1 AL	20 S		
					4 17 1								Acces to the control	The second secon	1	19.5			C NO PRO P	
									1.50		15 (15)					1.1.5			11	
						F 11 T	1.50							* * * * * * * * * * * * * * * * * * *		San Line	- 1			
		100,000					T											1		
				- 1 Tak					100						1	2.21.7				20 M
					1 1															



SECTION B-B

(1) Splicing Flanges shall be attached to each truss unit with the truss shop assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop botted into full contact before welding. Sufficient external welds or tacks shall be made to secure flanges until remaining welds are made after disassembly. Adjacent flanges shall be "match marked" to insure proper field assembly.

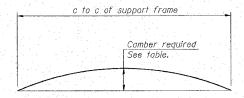
NUMBER	REVISION	1.3	DATE
			100
		71.2	
100			



Note:

Units shall be shipped individually with adequate provision to prevent detrimental motion during transport. This may require ropes between horizontals and diagonals or energy dissipating (elastic) ties to the vehicle. The Contractor is responsible for maintaining the configuration and protection of the units.

4 units



/ Horizontal

2 units

(Lower Chord - all panel points)

(Upper Chord - each end of each unit only)

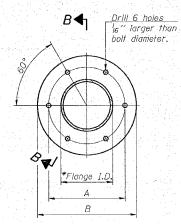
CAMBER DIAGRAM

3 units

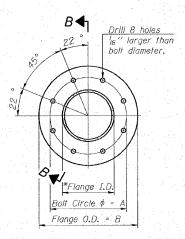
Camber curve shown is theoretical. Actual camber attained by slope changes at splices between units.

CAMBER ATTAINMENT EXAMPLES: camber at midspan camber at midspan camber at midspan definition at midspan at midspan at midspan

Camber shown is for fabrication only, measured with truss fully supported. (No-load condition)



TRUSS TYPES I-A, II-A, & III-A



TRUSS TYPES II-A & III-A SPLICING FLANGES

ASTM B221, Alloy 6061-T6 or ASTM B209, Alloy 6061-T651 *To fit O.D. of Chord with maximum gap of 1/6".

OVERHEAD SIGN STRUCTURES
ALUMINUM TRUSS DETAILS
FOR TRUSS TYPES I-A, II-A AND III-A

US.20 AT SHALES PKWY.

SCALE: VERT. N.T.S. HORIZ. DATE: 2/20/2008

DRAWN BY SN DESIGNED BY SN CHECKED BY DAD